Connecticut Department of
Energy & Environmental Protection
Bureau of Water Protection & Land Reuse
Inland Water Resources Division

DAM SAFETY PROGRAM
DAM INSPECTION REPORT FORM – FOR REGULATORY INSPECTION

Please complete this form in accordance with the instructions (DEEP-DAM-INST-002).

Part I: Summary of Dam Inspection

Dam Name:	**Knofla's Pond Dam**	Inspection Date(s):	**5/14/2015**
Alternate Dam Name(s):		CT Dam ID #:	**14203**
Location (Municipality):	**Tolland**	Temperature / Weather:	**70º Sunny**
Registered?: Yes or No If yes, provide the 9 digit registration number found on the notification letter.	**Yes 9/18/2002 (attached)**	Pool Level: See Instructions	**4" above drop Inlet crest elevation**
Emergency Action Plan?: Yes or No If Yes, see instructions	**No**	Impoundment Use: use options listed in instructions	**aesthetics/ conservation**
Hydraulic and Hydrologic Analysis?: Yes or No If Yes, see instructions	**Yes for original design**	Stability Analysis?: Yes or No If Yes, see instructions	**No**
Overall Condition: (refer to Appendix A located at the end of this form) **Satisfactory**			

Persons present at the inspection *(select the tab button in the last cell to the right to create another row)*		
Name	**Title/Position**	**Representing**
Phil Moreschi		
Bill Dwinells, P.E.	**Town Engineer**	**Tolland**
Linda Farmer, AICP	**Town Planner**	**Tolland**

Owners and Operators: If there is more than one owner or operator, copy the empty table below for each owner or operator and paste right below the previous table, then complete the information for each

*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject report. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes by email via deep.damsafety@ct.gov.

Indicate if Owner or Operator: Operator

Name: **Bill Dwinells, P.E.**

Mailing Address: **21 Tolland Green**

City/Town: **Tolland** State: **CT** Zip Code: **06084**

Phone: **860-871-3604** ext.:

Emergency Phone: **860-324-6293**

*E-mail: **bdwinells@tolland.org**

Part II: General Dam Information

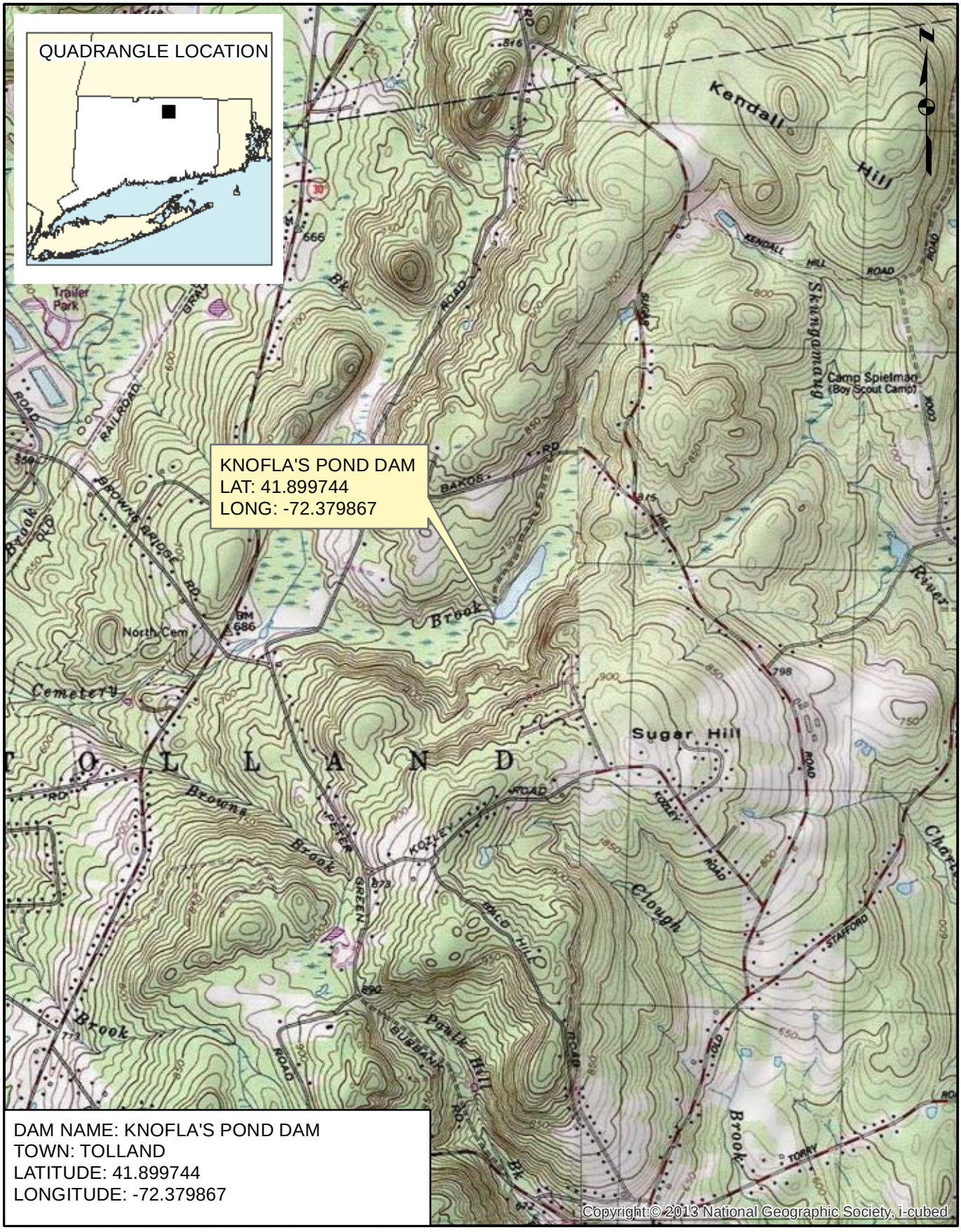
General Description: Earthen Embankment Dam			
Hazard Classification:	BB	**Dam Height (ft):**	9'±
Dam Length (ft):	115'	**Spillway Length (ft):**	45'
Spillway Type:	drop inlet	**Normal Freeboard (ft):**	3 ½'
Drainage Area (square miles):	0.58	**Impoundment Area (at principal spillway crest, in acres):**	5.65
Watercourse(s): Cemetery Brook			

OTHER INFORMATION: (see instructions)

Attached at end:

- Registration
  - Construction Photos
  - 2010 Flood Photos
- Tolland Property Boundary

Part III: Aerial Photo/Location Map (insert the aerial photo and location map under this Part. See instructions for details.)



Path: F:\P2015\0499\A10\Fig1_Locus_KNOFLAS POND DAM.mxd

0 1,000 2,000
Feet

FUSS & O'NEILL
146 HARTFORD ROAD
MANCHESTER CT, 06040
(860) 646-2469
www.fando.com

TOWN OF TOLLAND

SITE LOCATION MAP

KNOFLA'S POND DAM

TOLLAND CONNECTICUT

PROJ. No. 20150499.A10

DATE: JULY 2015

FIG. 1

Path: K:\P2015\0499\A10\Fig2_Aerial_KNOFLAS POND DAM.mxd

0 100 200
Feet

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MANCHESTER CT, 06040
(860) 646-2469
www.fando.com

TOWN OF TOLLAND

AERIAL MAP

KNOFLA'S POND DAM

TOLLAND CONNECTICUT

PROJ. No. 20150499.A10
DATE: JULY 2015

FIG. 2

Path: K:\P2015\0499\A10\Fig3_DrainageArea_KNOFLAS POND DAM.mxd

0 750 1,500
Feet

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MANCHESTER CT, 06040
(860) 646-2469
www.fando.com

TOWN OF TOLLAND

DRAINAGE AREA MAP

KNOFLA'S POND DAM

TOLLAND CONNECTICUT

PROJ. No. 20150499.A10
DATE: JULY 2015

FIG. 3

Part IV: Dam/Embankment/Dike Information

Number of Dam/Embankments/Dikes: 1 *(if there is more than one dam/embankment or dike, reproduce this section and paste right below the previous section)*

Dam/Embankment/Dike Name (see instructions): One Eastern Embankment
General Description: Typical earth embankment with approximately 3:1 u/s slope and 2:1 d/s slope
General Condition: Good
Concrete Condition: N/A
Stone Masonry: N/A
Settlement/Alignment/Movement: Embankment somewhat irregular in crest width and horizontal and vertical alignment
Seepage/Foundation Drainage: Seepage/Wet Area noted on d/s slope on left embankment and right embankment. Clay Well Tile 12" diameter on right d/s abutment contact. Water level approximately 6" below ground surface
Riprap: None observed
Erosion/Burrows: None observed. A little soil missing on left side of end wall.
Vegetative Cover: Turf - Well established and 3" high
Other:
Photos/Graphics/Sketches (insert either below this Part or in Parts XIII and XIV, refer to the instructions under Parts XIII and XIV for additional details)

Part V: Principal Spillway, Training Walls, Apron

Number of Principal Spillways: 1 *(if there is more than one principal spillway, reproduce this section and paste right below the previous section)*

Spillway Type (see instructions): (square concrete structure) Drop inlet spillway. Auxiliary vegetated/overflow spillway
General Description:
General Condition: Good condition. Minor spilling visible on interior of drop inlet.
Concrete Condition: Good
Stone Masonry: N/A
Settlement/Alignment/Movement: None observed.
Cracks: None observed
Scouring/Undermining: None observed
Seepage/Foundation Drainage: Water ponded on d/s side so seepage/leakage not visible
Other: Chain link fence surrounding drop inlet as debris screen. In good condition since recently installed.
Photos/Graphics/Sketches (insert either below this Part or in Parts XIII and XIV, refer to the instructions under Parts XIII and XIV for additional details)

Part VI: Auxiliary Spillway, Training Walls, Apron

Number of Auxiliary Spillways: 1 *(if there is more than one auxiliary spillway, reproduce this section and paste right below the previous section)*

Auxiliary Spillway Type (see instructions): Vegetated overflow spillway
General Description: Graded into natural grade at left end of dam.
General Condition: Good
Concrete Condition: N/A
Stone Masonry: N/A

Settlement/Alignment/Movement: Looks uniformly graded
Cracks: N/A
Scouring/Undermining: None observed.
Vegetative Cover: Good stand of turf 3" tall
Riprap: N/A
Seepage/Foundation Drainage: N/A
Other: Minimal debris at end of spillway and some saplings and brush crowding outlet end.
Photos/Graphics/Sketches (insert either below this Part or in Parts XIII and XIV, refer to the instructions under Parts XIII and XIV for additional details)

Part VII: Downstream Channel

Number of Downstream Channels: 1 *(if there is more than one downstream channel, reproduce this section and paste right below the previous section)*

Channel Name (see instructions), include Watercourse Name: Cemetery Brook
General Description: Brook channel
General Condition: Reasonably clear
Scouring: None observed
Debris: Minimal wood
Riprap: None observed
Other:
Photos/Graphics/Sketches (insert either below this Part or in Parts XIII and XIV, refer to the instructions under Parts XIII and XIV for additional details)

Part VIII: Intake Structure(s)

Number of Intake Structures: 1 *(if there is* more *than one intake structure, reproduce this section and paste right below the previous section)*

Intake Structure Type (see instructions): Valve on pipe to drop inlet structure based on construction photo and construction documentation indicating installation of a shear gate (see attached Registration Document).
General Description: Not visible
General Condition: Not visible
Concrete Condition: Not visible
Stone Masonry: N/A
Settlement/Alignment/Movement: Not visible
Cracks: Not visible
Other: Not operated in a long time
Photos/Graphics/Sketches (insert either below this Part or in Parts XIII and XIV, refer to the instructions under Parts XIII and XIV for additional details)

Part IX: Outlet Structure(s)

Number of Outlet Structures: 1 *(if there is* more *than one outlet structure, reproduce this section and paste right below the previous section)*

Outlet Structure Type (see instructions): Corrugated metal pipe
General Description:
General Condition:

Concrete Condition: N/A
Stone Masonry: End wall is make shift stone masonry and concrete block with concrete slurry and asphalt covering. Fair condition.
Settlement/Alignment/Movement:
Scouring/Undermining: None observed; however, some soil loss to left of outlet pipe.
Other:
Photos/Graphics/Sketches (insert either below this Part or in Parts XIII and XIV, refer to the instructions under Parts XIII and XIV for additional details)

Part X: Miscellaneous Features

List miscellaneous features: (e.g., access roads, bridges, etc.):

Access road from Bakos Road is accessible by pickup truck.

Photos/Graphics/Sketches (insert either below this Part or in Parts XIII and XIV, refer to the instructions under Parts XIII and XIV for additional details)

Part XI: Downstream Hazard Classification Reassessment

Downstream Hazard Classification: *(provide recommendation for the hazard class based on the Dam Safety regulation. See Instructions and Appendix B.)*

Hunter Road is first downstream crossing. Dam should be no greater than a Class BB Hazard. With more detailed analyses, it might be shown to be a Class A or AA Hazard. See attached screening level Hazard Classification evaluation.

Part XII: Recommendations *(See instructions for identifying recommendations)*

Recommendations: *(Each item should be numbered)*

1. Keep drop inlet clear of debris.
2. Remove debris in auxiliary channel at woody vegetation crowding channel outlet end.
3. Plan to remove all trees within 25 feet of dam components.
4. Explore restoring operability of low level outlet valve.
5. Longer term, plan to camera inspect the corrugated metal pipe in dry to assess degree of corrosion. It is to be expected that at some point future pipe will need to be repaired (proper slip lining) or replaced.

FUSS & O'NEILL	Prepared By	Date	Checked By	Date	Project No
	PWM	6/28/16			20150499.A10

Knofla's Pond Dam - Hazard Classification — Sheet No 1 of 2

Volume of Knofla's Pond

@ Normal Pool Level

$(9'-3.5')(5.65\ \text{Acres})(1/2)(2/3) = 10.4$ Acre-Feet

@ Top of Dam

$(9')(5.65 + 3.5\pm)(1/2)(2/3) = 27.6$ Ac-Ft

Volume of Storage @ Hunter Road Culverts

Area to 690 Contour ≈ 6 acres

Depth @ Culvert For Sunny Day Failure

$= 10.4$ Ac-Ft / 6 acres $= 1.7$ feet

Road way will not overtop

Volume of 100 year runoff at dam

$\approx (0.58\ \text{Mi}^2 \times 640\ \text{Ac/Mi}^2)(8''\ \text{Rain})(\frac{1\ \text{Ft}}{12''})(50\%\ \text{runoff})$

≈ 124 Ac Ft

Volume of Fall Pond To Top of Dam as % age of 100 year runoff volume ≈ 27.6 / 124 ≈ 22%

Volume of Storage @ Hunter Road Culverts For 100 year runoff

$(41)(6)/1.7' \approx 24$ Ac-Ft +/-

FUSS & O'NEILL	Prepared By	Date	Checked By	Date	Project No
	PWM	6/28/15			20150499.A10

Knotts Pond Dam - Hazard Classification — Sheet No 2 of 2

Hunter Road is being overtopped when storage upstream of road approaches 24 Ac-Ft

So minimal overtopping if maximum pond volume is suddenly released. This is a worst case highly improbable event since it would require pond to be full with no outflow from principal or auxiliary spillway.

For 100 year flood with dam intact, Hunter road should be overtopping due to limited storage relative to runoff volume. Failure of dam would clearly cause roadway overtopping, however for a relatively short period of time due to relatively small volume of pond.

It could be argued that Hunter Road would likely suffer minimal erosion damage from a dam failure alone. It could aggravate damage that is already occurring as a result of a 100 year flood.

Hunter Road likely has Average Daily Traffic of less than 500 vehicles per day.

It is recommended that the Hazard Class is BB

Part XIII: Photographs/Graphics *(see instructions and Appendix C)*

1. Overview of dam(s)/dike(s) from upstream

2. Overview of dam(s)/dike(s) from downstream

3. Overview of upstream face from right abutment

4. Overview of upstream face from left abutment

5. Overview of dam crest from right abutment

6. Overview of dam crest from left abutment

7. Overview of downstream face from right abutment

8. Overview of downstream face from left abutment

9. Overview of spillway(s) from upstream

10. Overview of spillway(s) from upstream (auxiliary spillway)

11. Overview of spillway(s) from upstream (auxiliary spillway)

12. Overview of spillway(s) from upstream (auxiliary spillway)

13. Overview of spillway(s) from downstream (tailrace or channel area)

14. Overview of weir

15. Overview of stilling basin

16. Outlet inlets and discharge points

17. Overview of reservoir area

18. View of outlet conduit – note areas of corrosion

19. View of vertical clay tile

20. View of vertical clay tile

21. Skunk cabbage on lower downstream slope and foundation area indicative of seepage

22. Close up of foundation soil surface downstream of embankment showing moisture at surface

23. Minimal seepage at the embankment toe

24. First road crossing at Hunter Road

25. First road crossing at Hunter Road

26. First road crossing at Hunter Road

27. Some brush and saplings crowding auxiliary spillway outlet channel

Part XIV: Sketches

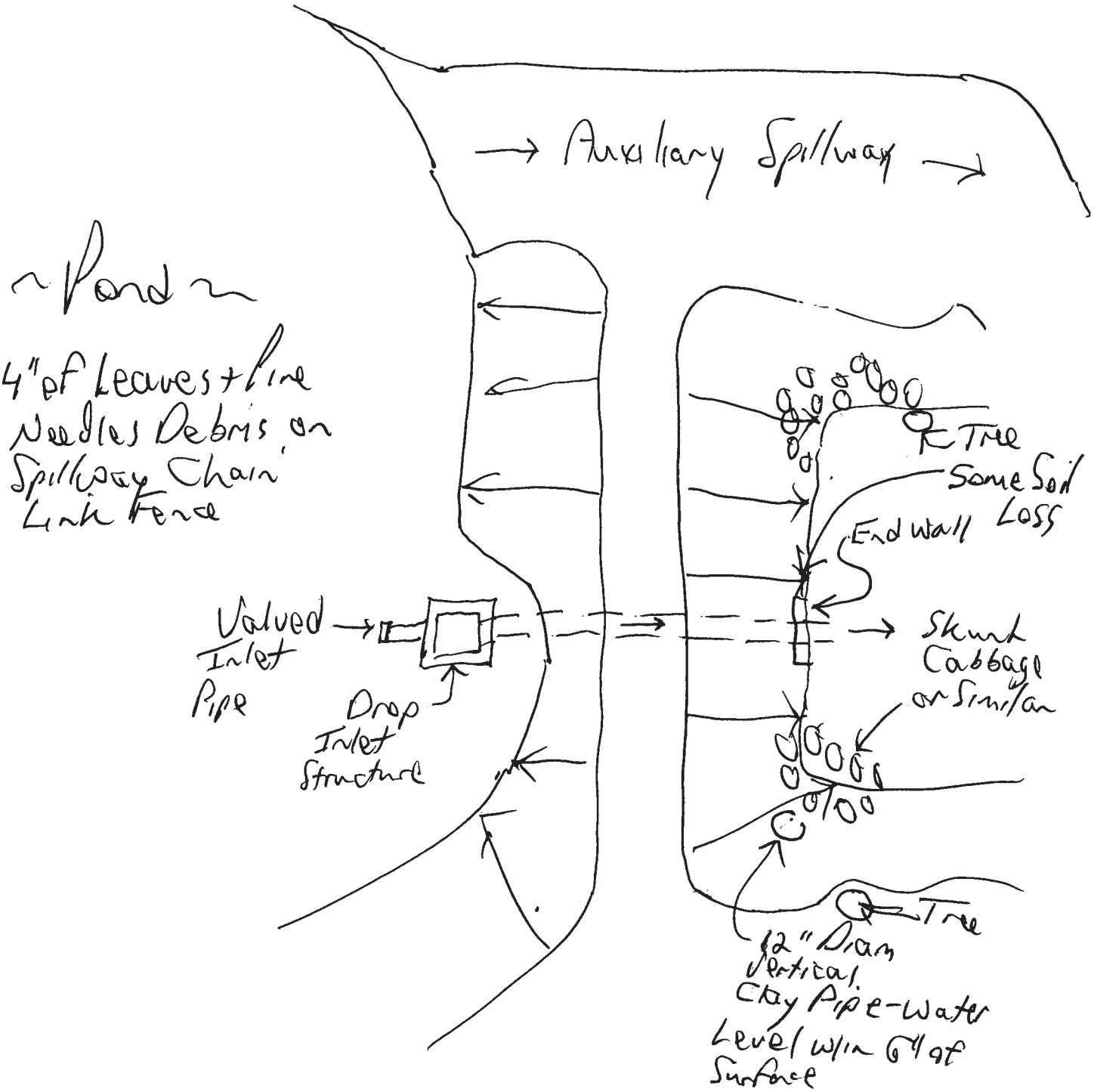
This completed report must include a sketch of the plan view of the dam to aid in the description of its condition. Refer to the instructions for more detail and an example.

[insert sketches here if not included in each part above].

FUSS&O'NEILL	Prepared By	Date	Checked By	Date	Project No
	DWM	5/14/15			20150499.A10

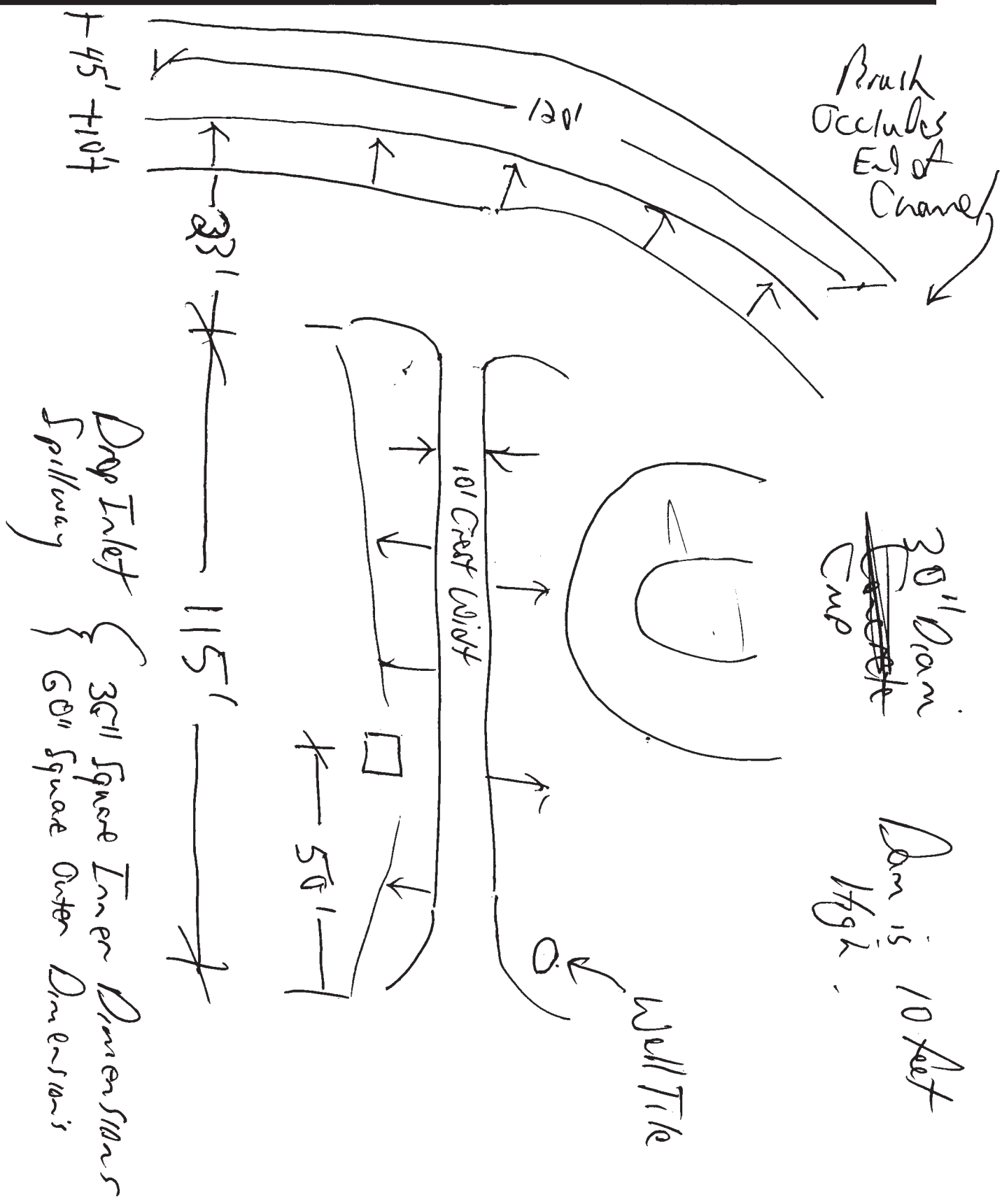
Krafla Dam Inspection - Site Sketch

Sheet No 1 of 3



FUSS & O'NEILL	Prepared By	Date	Checked By	Date	Project No
	PWM	5/14/15			20150499.A10

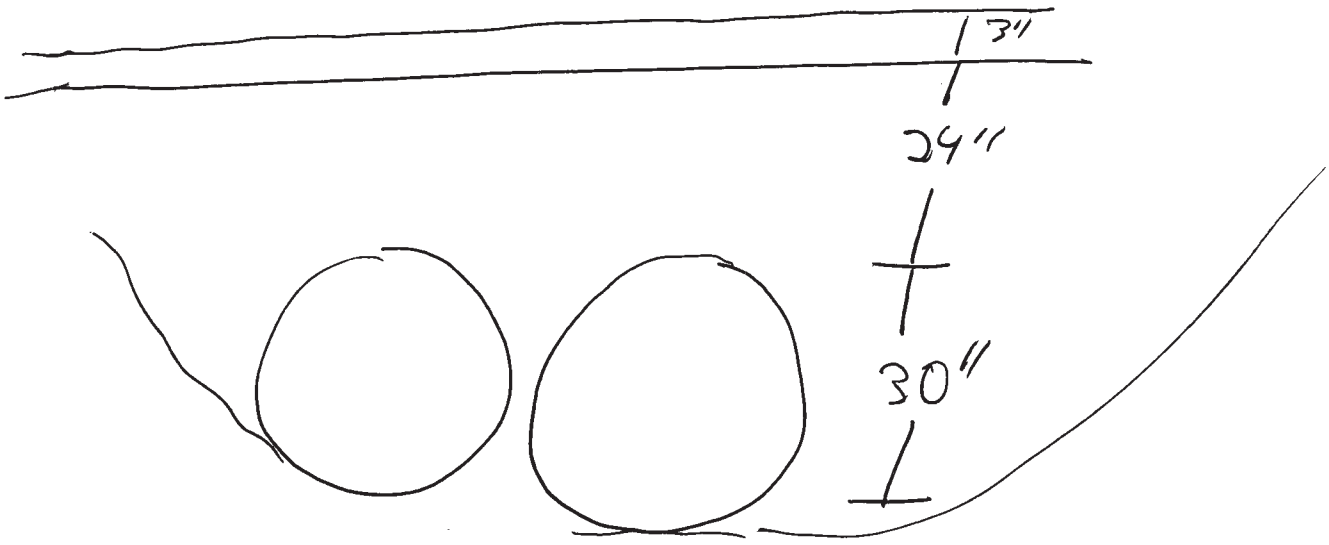
Knofla Dam Inspection - Rough Field Dimensions — Sheet No 2 of 3



FUSS & O'NEILL	Prepared By	Date	Checked By	Date	Project No
	PWM	5/14/15			20150499.A10

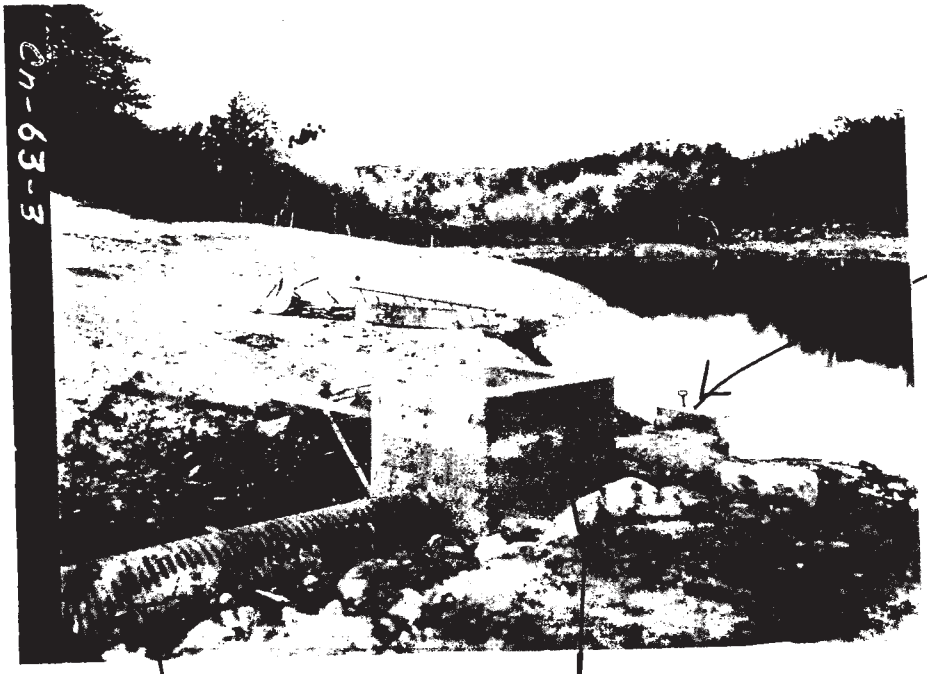
Knotts Dam Inspection - Downstream Road — Sheet No 3 of 3

Hunter Road Culverts



Knofla Pond Dam - Tolland 20150499.A10

Original Construction Photo



Discharge Value

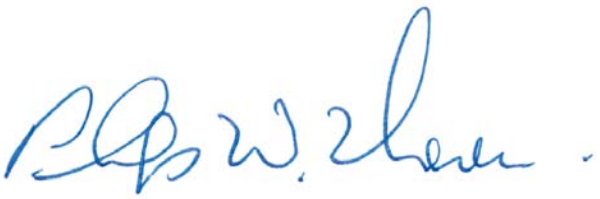
36" Square (Inner Dimension) Drop Inlet Spillway

30" Diam CMP Spillway Barrel

Part XV: Professional Engineer Certification

The following certification must be signed by a Professional Engineer

"I hereby certify that the information provided in this report has been examined by me and found to be true and correct in my professional judgment."



January 11, 2016

Signature of Professional Engineer — Date

Philip W. Moreschi, P.E.	**Vice President**	**12823**
Printed Name of Professional Engineer	Title	CT P.E. Number

Fuss & O'Neill, Inc.
Name of Firm

Affix P.E. Stamp Here

Part XVI: Owner Signature

The following statement must be signed by the Owner(s) of the subject Dam.

"The information provided in this report has been examined by me."

Signature of Owner	Date: 1/11/16
Name of Owner (print or type): Steven R. Werbner	Title (if applicable): Town Manager
Signature of Owner	Date
Name of Owner (print or type)	Title (if applicable)
Signature of Owner	Date
Name of Owner (print or type)	Title (if applicable)
Signature of Owner	Date
Name of Owner (print or type)	Title (if applicable)

Note: Mail the completed inspection report to:

DAM SAFETY PROGRAM
INLAND WATER RESOURCES DIVISION
CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106

In addition, please send this completed report converted to Adobe portable document format (pdf) including a scan of the signature page via email to: DEEP.DamSafety@ct.gov

Appendix A: Overall Dam Condition Selection Standards

Condition	Definition
Good	Through file research and after a thorough visual inspection it has been determined that the dam is well maintained and no existing dam safety deficiencies are recognized. Only continued routine maintenance is required.
Satisfactory	Through file research and after a thorough visual inspection it has been determined that no significant deficiencies are recognized. Only minor maintenance is required and only minor flaws are noted.
Fair	Through file research and after a thorough visual inspection it has been determined that there are no critical deficiencies with the dam that would require engineering analysis with the following exception: the engineer may recommend that a hydrologic and hydraulic analysis be conducted due to the lack of adequate freeboard and/or the lack of spillway capacity documentation. A condition exists at the dam that may require some sort of additional monitoring.
Poor	Through file research and after a thorough visual inspection it has been determined that deficiencies are recognized that require engineering analysis and/or remedial action.
Unsatisfactory	Through file research and after a thorough visual inspection it has been determined that a deficiency is recognized that requires immediate or emergency action. Administrative/Enforcement action may be required as determined by the Dam Safety Program. Reservoir level restrictions may be necessary until the problem is resolved.

Appendix B - Hazard Classification of Dams

I. A Class AA dam is a negligible hazard potential dam which, if it were to fail, would result in the following:

(i) no measurable damage to roadways;
(ii) no measurable damage to land and structures;
(iii) negligible economic loss.

II. A Class A dam is a low hazard potential dam which, if it were to fail, would result in any of the following:

(i) damage to agricultural land;
(ii) damage to unimproved roadways (less than 100 ADT);
(iii) minimal economic loss.

III. A Class BB dam is a moderate hazard potential dam which, if it were to fail, would result in any of the following:

(i) damage to normally unoccupied storage structures;
(ii) damage to low volume roadways (less than 500 ADT);
(iii) moderate economic loss.

IV. A Class B dam is a significant hazard potential dam which, if it were to fail, would result in any of the following:

(i) possible loss of life;
(ii) minor damage to habitable structures, residences, hospitals, convalescent homes, schools, etc;
(iii) damage to or interruption of the use of service of utilities;
(iv) damage to primary roadways (less than 1500 ADT) and railroads;
(v) significant economic loss.

V. A Class C dam is a high hazard potential dam which, if it were to fail, would result in any of the following:

(i) probable loss of life;
(ii) major damage to habitable structures, residences, hospitals, convalescent homes, schools, etc;
(iii) damage to main highways (greater than 1500 ADT);
(iv) great economic loss.

Appendix C - PHOTOGRAPH INSTRUCTIONS

All photographs shall be color photographs. Photographs shall be clear and include scale references where applicable. Photographs shall include, but not be limited to the following:

28. Overview of dam(s)/dike(s) from upstream

29. Overview of dam(s)/dike(s) from downstream

30. Overview of upstream face from right abutment

31. Overview of upstream face from left abutment

32. Overview of dam crest from right abutment

33. Overview of dam crest from left abutment

34. Overview of downstream face from right abutment

35. Overview of downstream face from left abutment

36. Overview of spillway(s) from upstream

37. Overview of spillway(s) from downstream (tailrace or channel area)

38. Overview of right training wall(s)

39. Overview of left training wall(s)

40. Overview of weir

41. Overview of stilling basin

42. Overview of downstream channel

43. Overview of gatehouse exterior

44. Overview of gatehouse interior

45. Overview of operators

46. Outlet inlets and discharge points

47. Overview of reservoir area

48. Areas of specific deficiencies (e.g., cracks, erosion, displacement, seeps, deterioration, etc.)

Other Information from Part II

COPY

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFICATE OF DAM REGISTRATION

The Commissioner of the Department of Environmental Protection hereby certifies that an application for a dam registration for the dam described below has been duly filed with the Inland Water Resources Division by the dam owner. The registration complies with State of Connecticut Regulation 22a-409-1 (Registration of dams and similar structures) and is on file with this agency.

DAM NAME/#: KNOFLA'S POND DAM, #14203

OWNER'S NAME: KEYSTONE ENTERPRISES
OWNER'S ADDRESS: 119 BAKOS ROAD
TOLLAND, CT 06084

TOWN DAM IS LOCATED IN: TOLLAND

HEIGHT: 9.00 ft.

FEE RECEIVED: $25.00

DATE OF ISSUE: 9/18/02

Robert L. Smith

Robert L. Smith, Chief
Bureau of Water Management

TRANSFER OF OWNERSHIP

To be completed by the seller at the time of transfer of the above referenced dam and submitted to the Department of Environmental Protection, Inland Water Resources Division, Dam Safety Section, 79 Elm Street, Hartford, CT 06106-5127.

DAM NAME/#: KNOFLA'S POND DAM, #14203

BUYER'S NAME:

BUYER'S ADDRESS:

DATE SOLD:

COPY

FORM D-5

STATE OF CONNECTICUT
WATER RESOURCES COMMISSION
Room 317 State Office Building
Hartford, Connecticut

CONSTRUCTION PERMIT FOR DAM

Date September 23, 1957

To: Mr. Alan Knofla
RFD #2
Rockville, Connecticut

Dear Sir:

Your application for CONSTRUCTION PERMIT dated September 10, 1957, for the construction of an earth dam on your property on Cemetery Brook in the Town of Tolland, to be constructed in accordance with plans prepared by the Soil Conservation Service and marked C-T-7 in 11 sheets, copy of which is attached hereto, has been considered and the construction described therein is hereby approved under conditions which may be noted in the last paragraph of this permit.

This permit, with the attached application form and other enclosures, must be kept at the site of the work and made available to the Commission at any time during the construction. This permit covers the construction as described in the attached documents. If any changes are contemplated the Commission must be notified and supplementary approval obtained.

The Commission shall be notified when foundation excavation is completed, when any other specific stage of construction has been completed as requested by the Commission, and when the entire project is completed.

If the construction authorized by this construction permit is not started within two years of the date of this letter and completed within four years of the same date this permit must be renewed.

Your attention is directed to Section 5001 of the General Statutes: Obstructing Streams. No person shall, unless authorized by the superintendent, prevent the passing of fish in any stream or through the outlet or inlet of any pond or stream by means of any rack, screen, weir or other obstruction or fail, within ten days after service upon him of a copy of an order issued by the superintendent, to remove such obstruction. The address of the State Board of Fisheries and Game is 2 Wethersfield Avenue, Hartford 15, Connecticut.

COPY

STATE OF CONNECTICUT

BOARD OF FISHERIES AND GAME

2 WETHERSFIELD AVENUE · HARTFORD, CONNECTICUT

ADDRESS ALL MAIL TO
STATE OFFICE BUILDING, HARTFORD

September 27, 1957

Mr. Alan Knofla
RFD 2
Rockville, Connecticut

Dear Mr. Knofla:

Our inspection of your proposed impoundment reveals that it does not fall within the provisions of Section 5001 of the General Statutes which deals with obstructing the passage of fish in streams. Therefore, so far as this agency is concerned, you are cleared to proceed with your construction as planned.

It will be necessary to obtain a construction permit from the Water Resources Commission, Room 317, State Office Building, Hartford, Connecticut.

Very truly yours,

Lyle M. Thorpe

Lyle M. Thorpe
Director

LMT:sg
CC: Water Resources Commission
District Supervisor Wood
Soil Conservation Service, Tolland

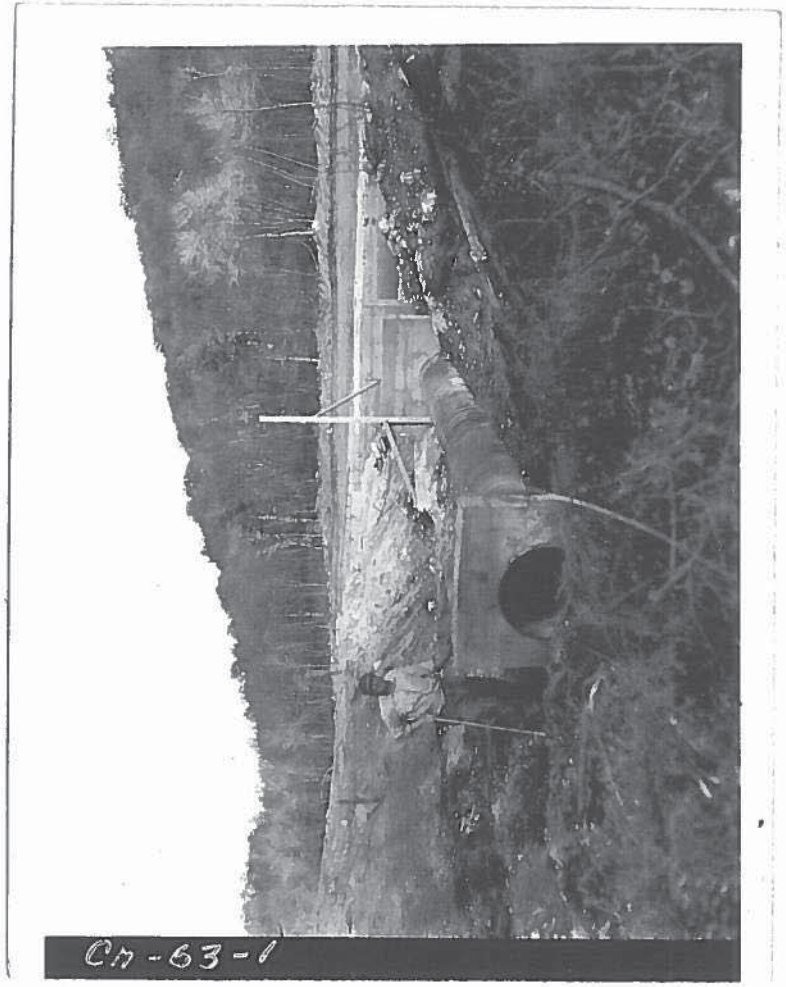
Knofla pond construction 1957 Summer & Fall

Cn-63-2

Subject: Pond
Photographer: Gardner
Date: 10/10/57
Location and SCD: Adam Micflak's Pond
Tolland County, Conn.

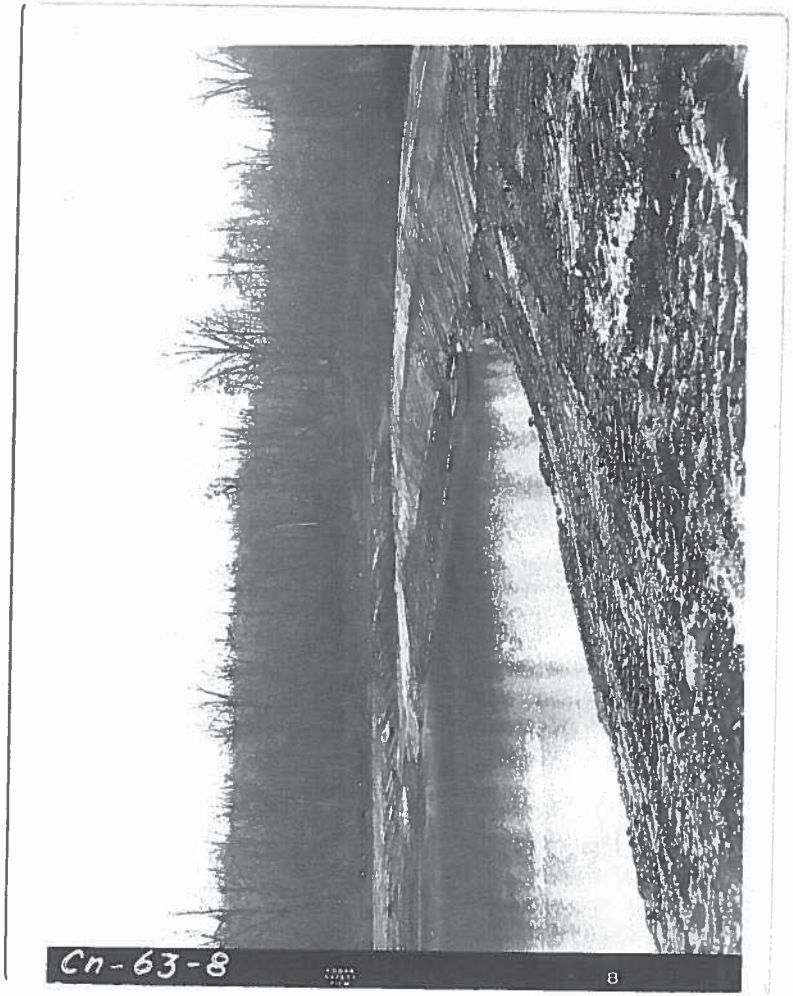
The trickle tube connector and baffle plate - anti-seep collar and outlet header.

Ch-63-2



Ch-63-1


Cn-63-3


Cn-63-8
8

February 2006

Construction on the dam at the pond was completed during the fall of 1959. Next to the dam is an overflow area that is one foot above normal water level. Never has any water gone over the overflow area until the fall of 2005 ... some 45 years.

During the early fall of 2005 we witnessed 9 consecutive days of rain. Mostly all the rivers were at flood stage and the ground was saturated. It was at the end of this period that for the first time in the history of the pond, water went over the overflow area.

The pictures that go with this write up show that the water must have been about 18 inches above the overflow area. You can estimate this by the water marks made by pine needles on the dam itself.

After the final rain storm, we inspected the dam and overflow area. There was no sign of erosion any where. Every part of the dam functioned as it should during a short flood stage.

However, now that we know that this can happen, we plan on spending more time during the spring of 2006 and in subsequent years liming the entire area. By doing this we should improve the amount of grass and grass roots that prevents erosion.

Above photo shows "gate" which allows one to lower pond—

1959

1959 Pond Completed

DUPLICATE INVOICE

OUR ORDER A 4074

NEW ENGLAND METAL CULVERT CO.

PALMER, MASSACHUSETTS

FACTORIES PALMER, MASS. PORTLAND, MAINE

DISTRIBUTOR

Tel. Palmer 67

◆ *Armco Drainage Products* ◆

SOLD TO . MR. ALAN KNOFLA
R.F.D. #2
ROCKVILLE, CONN.

Copy

SHIPPED TO . MR. ALAN KNOFLA
POND SITE
TOLLAND, CONN. (OFF RT. 30)

ORDERED BY MR. KNOFLA

C/O SAME

MAIL INVOICE TO . SAME

VIA OUR TRUCK

TEL: ROCKVILLE-TREMONT 5-5917 (INVOICE MAILED)

Your Order No. & Date	Date Entered	Date Wanted	Date Shipped	Terms:	INVOICE DATE
WRITTEN--M.H.HOWES 9/16/57	9/19/57	SAP		2%- PREPAID	9/19/57

QUANTITY	DESCRIPTION	FEET	PRICE	AMOUNT	TOTAL
	ASPHALT COATED CORRUGATED METAL CULVERTS PAVED INVERT - WATERTIGHT CONSTRUCTION				
1	30" x 46 FT. 2-16 & 1-14 FT.	46	6.96	320.16	
1	30" x 2 FT. WATERTIGHT COUPLING	1	28.78	28.78	
					$348.94
4	GALV. RODS AND LUGS				
8	GALV. NUTS AND WASHERS				

THE CHAPMAN VALVE MANUFACTURING CO.

MAIN OFFICE AND WORKS
INDIAN ORCHARD, MASS.

785 F
3/25

CUSTOMER'S { Order No. / Reg. No. }

OUR { Order No. 36766 / Branch No. .U. }

SOLD TO THE E. W. A. INC.
58 CHESTNUT ST.
MANCHESTER, CONN.

05496

INVOICE NO.

DATE Mar. 25, 1955

SHIP TO

DESTINATION WILLIAM A. KNOFLA, 95 HENRY ST., MANCHESTER, CONNECTICUT.

SHIPPED VIA

F. O. B. DEST. CUSTOMER'S TRUCK

FOR CUSTOMER'S USE ONLY

REGISTER NO. | VOUCHER NO.

F. O. B. CHECKED

TERMS APPROVED | PRICE APPROVED

CALCULATIONS CHECKED

TRANSPORTATION

FREIGHT BILL NO. AMOUNT

MATERIAL RECEIVED

_____ 19 _____ _____
DATE SIGNATURE TITLE

SATISFACTORY AND APPROVED

ADJUSTMENTS

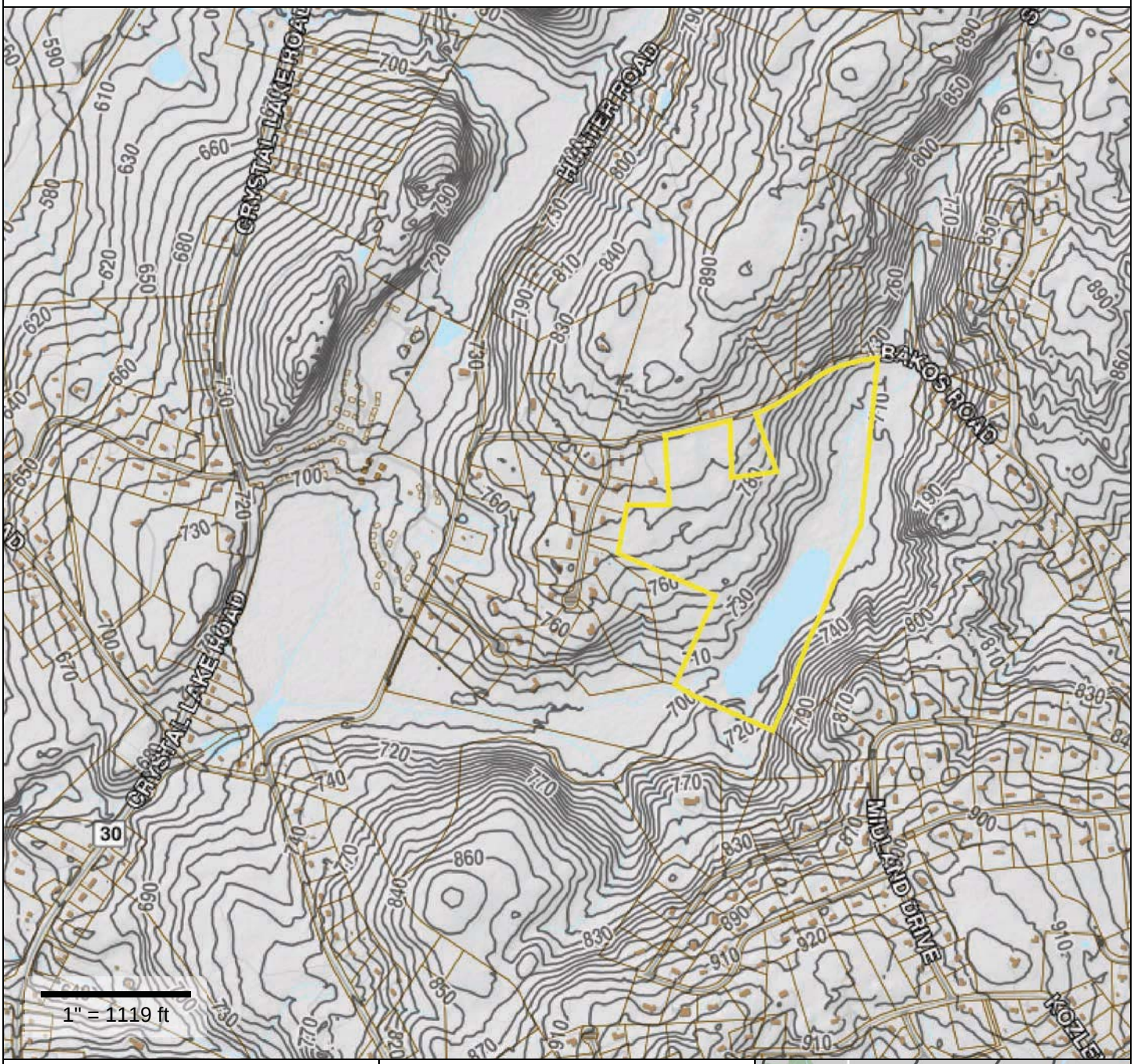
ACCOUNTING DISTRIBUTION

AUDITED | FINAL APPROVAL

TERMS NET 30 DAYS

ITEM	QUAN.	SIZE	LIST	DESCRIPTION 110#	LIST / NET	Ea.	Total List	Disc.	Total Net
31493. 1	1	12		TABLE 20 FE IBBM SHEAR GATE WITH 12' LIFTING HANDLE					71.50

DUPLICATE



Property Information

Property ID	10/D/010
Location	119 BAKOS ROAD
Owner	TOWN OF TOLLAND

TOLLAND CONNECTICUT

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

The Town makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Parcels updated October 1, 2013